

## REMARKS/ARGUMENTS

This amendment is responsive to the Office Action of May 26, 2005.

Claims 1-7, 13, 15-18, 27, and 28 have been amended. Claims 19-26 have been canceled without prejudice. Applicant reserves and retains the right to pursue the subject matter of claims 19-26 in this application and/or in one or more continuation or divisional applications. Accordingly, claims 1-18, 27, and 28 are pending.

It is respectfully submitted that the amendments to the claims have added no new matter. In claim 1, for example, the added registering of the first source data in an information catalog is described in the original specification at page 10, line 15. The providing the transformation lineage information about first source data from which the first target data object was derived via a transformation performed on the first source data to derive the second target data object is described in the original specification at page 5, lines 10-11. The providing the transformation model information of the transformation performed on the first source data to derive the first target data object is described in the original specification at page 12, line 22 and is shown in Figure 7. The transformation model information is described in the original specification at page 12, line 18, and the transformation model information providing a user with transformation producing function information is described in the original specification at page 11, line 28. The transformation model information providing a user with transformation function information of the first target data object including a derivation of the first target data object from the source data is described in the original specification at page 11, line 19. The metadata synchronizer is described in the original specification at page 11, lines 6-9 and is shown in Figure 5 at 510. Using the metadata synchronizer to detect a change in the registered first source data as changed source data, and updating metadata in the information catalog to reflect the detected change is described in the original specification at page 11, lines 8-9. The information catalog is shown in Figure 5 at 508. The providing updated transformation lineage information about the changed source data from which the second target data object was derived via the transformation performed on the changed source data to derive the second target data object is described in the original specification at page 11, lines 1-19.

Reconsideration of this application as amendment is respectfully requested.

### **The Office Action**

All pending claims were rejected under 35 USC §102(b) as being anticipated by US Patent No. 5,315,709 to Alston, Jr., et al. ("Alston"). This rejection, however, is traversed. It is well-established that to be anticipatory, a reference must disclose each and every claim limitation. Alston fails to disclose each and every element of the amended claims.

More particularly, the Examiner took the position with regard to the independent claims that Alston discloses a computer system with means/methods/computer program product to perform the functions as claimed by applicant comprising:

- a) a computer having a memory, and a data storage device coupled thereto that stores data;
- b) one or more computer programs, performed by the computer, for, in response to receiving user input, selecting a target object in an information catalog and providing information about a source data from which the target object was derived via a transformation performed on contents of the source data;
- c) a plurality of objects including a target object wherein the target object was derived from one or more transformations of one or more sources of data;
- d) a transformation lineage system which stores transformation lineage information for the target object, the transformation lineage information associating the target object with the one or more transformations and identifying the one or more data sources;
- e) a user interface for receiving user input for selecting one of the plurality of objects; wherein, the user interface configure (sic) to display the transformation lineage information in response to receiving user selected input.

Applicant respectfully disagrees.

### **All Claims Are in Condition for Allowance**

Without conceding any of the above, applicant respectfully submits that Alston falls short of disclosing each and every element of the amended claims. For example, in independent claim 1, Alston does not teach or suggest a method of navigating data stored on a data storage device connected to a computer, comprising: in response to receiving input from a user navigating a plurality of data objects stored in an information catalog, selecting a first target data object in the

information catalog; providing transformation lineage information about first source data from which the first target data object was derived via a transformation performed on the first source data to derive the first target data object; and providing transformation model information of the transformation performed on the first source data to derive the first target data object. The transformation model information provides a user with transformation producing function information of the first target data object including a derivation of the first target data object from the source data.

Alston also does not teach or suggest a metadata synchronizer, and further does not teach or suggest using the metadata synchronizer to detect a change in the registered first source data as changed source data, and updating metadata in the information catalog to reflect the detected change.

Further, Alston also does not teach or suggest registering the changed source data in an information catalog.

Still further, Alston also does not teach or suggest selecting a second target data object, and providing updated transformation lineage information about the changed source data from which the second target data object was derived via the transformation performed on the changed source data to derive the second target data object.

Each of independent claims 1, 7, 13, 27, and 28 to include features not disclosed, taught or suggested in Alston, including, for example, those features set out above.

For at least these reasons, it is respectfully submitted that all pending claims are novel, patentably distinct, and unobvious over the art of record.

An allowance of all pending claims and early notice to that effect is respectfully requested.

If there are any fees necessitated by the foregoing communication, the Commissioner is hereby authorized to charge such fees to our Deposit Account No. 09-0460, referencing our Docket No. STL919980004US2 (formerly ST9-98-004).

Respectfully submitted,

Date: 12 MAR 09

  
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